

The Museum of Modern Art

For Immediate Release
June 1990

FACT SHEET

EXHIBITION INFORMATION ART: DIAGRAMMING MICROCHIPS

DATES September 6 - October 30, 1990

ORGANIZATION Cara McCarty, Associate Curator, Department of Architecture
and Design, The Museum of Modern Art

SPONSORSHIP This exhibition is made possible by the Intel Corporation
Foundation.

CONTENT The integrated circuit is among the smallest, most complex
devices ever invented and one of the most sophisticated
products of our technological society. Most measure
approximately one-quarter-inch square and may contain up to
several million electronic components. Too small for the
unaided eye to decipher, integrated circuits can be designed
today only with computer assistance. This exhibition makes
microcircuits visible, revealing the sheer intricacy of
their patterns and providing clues to the effort and
precision required to produce a single design.

 The exhibition presents thirty computer-generated drawings
of twenty circuits, along with the actual chips. Hundreds
of times larger than the circuits themselves, these diagrams
are used by engineers as maps for guidance in correcting or
verifying a circuit design. Powerful and provocative images
in their own right, they are some of the most beautiful and
exquisitely crafted artifacts of the computer age. The
exhibition includes designs by AT&T Bell Laboratories,
Digital Equipment Corp., Hewlett-Packard Company, IBM,
Intel, LSI Logic Corp., Texas Instruments, and the
University of Pennsylvania, among others.

PUBLICATION Information Art: Diagramming Microchips by Cara McCarty.
48 pages. 28 color and 15 black-and-white illustrations.
Available in The MoMA Book Store.

TRAVEL A national tour is planned.

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For further information or photographic materials, contact the Department of
Public Information, The Museum of Modern Art, 212/708-9750.